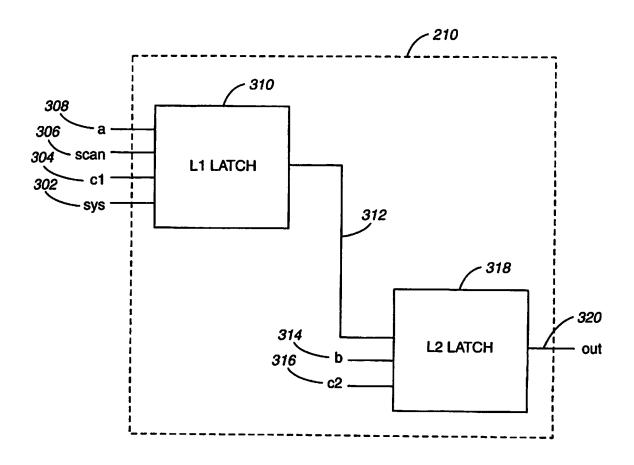


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**PRIOR ART** 

**FIG.** 3



400	SCAN 204			LOAD ALL	ZERO'S IN	DPERATING REGION			<u></u>	3/.	10		7		UNLOAD IN	- FAILING REGION		·	- <sub>1</sub>	i	PRIOR ART	EIC /	1. F. 10. 4
416		<u>-</u>		2				0				. 0			0	0	0	c	· -	-	-	-	
414	(卓	٦		0	0	~	6	6	6	~	0	0			0	0	0	-	-	_	_	-	
412	{ [ [	<u>ე</u> ო		ć	C-	~	2	6	~	0	0	0			0	0	-	-	-	-	-	-	
410		4		ć	2	2	6	~	0	0	0	0			0	-	1	_	-	-	-	-	
408	中(中	5 450 FAULT		ć	2	~	2	0	0	0	0	0			0	0	0	0	0	0	0	0	
406		ဖ		~	~	2	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
404		_		6	ن	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
405		<b>&amp;</b>		5	0	0	0	0	0	0	0	0		}	0	0	0	0	0	0	0	0	İ
	SCAN	RML	<u> </u>										i	in I									
<b>)</b> .	202		CYCLE	0	_	8	<u>420</u> 3	4	5	9	7	ω		CYCLE	0	-	0	422 3	4	വ	9	7	

<u>400</u>	SCAN 204		LOAD ALL	- ZERO'S IN	REGION				4/1	10	•	_		UNLOAD IN	- OPERATING		•			PRIOR ART	FIG S	<b>+</b>
•			6		6	~	6	٠,	~	c.	-			-	-	-	-	0	0	0	0	
	2	!	~	٥.	2	2	2	c	2	-	1			-	-	-	0	0	0	0	0	
			c.	c	ć	ć	c	2	-	-	-			-	-	0	0	0	0	0	0	
	***************************************		ذ	~	2	2	c.	-	-	-	-			-	0	0	0	0	0	0	0	
450 FAULT	5		ċ	ć	٤	خ	0	0	0	0	0			0	0	0	0	0	0	0	0	
	9		<b>C</b> -	خ	خ	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
			5	ن	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
	<b>5</b> 8		5	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
)	202 SCAN INPUT RML	CYCLE	0	<u> </u>	~	<i>520</i> 3	4	က	9		80		CYCLE	0		~	<u>522</u> 3	4	တ	9		

<u>009</u>	SCAN 604 OUTPUT		LOAD ALL	T ZERO'S IN	REGION			·	5/1	0		ר		UNLOAD IN	REGION					PRIOR ART	FIG 6	
		919	٠	c	ذ	ذ	خ	خ	٥	ċ	0			0	0	-	-	-	-	-	-	
654 FAULT		§14 814	2	ن	خ	ċ	٤	2	٤	0	0			0	-	-	-	-	1	-	-	
		612	٠	ć	خ	2	ċ	خ	0	0	0			0	0	-	-	-	-	-	-	
	** ( ) **	610	٤	~	ć	ć	ځ	0	0	0	0			0	-	-	-	-	-	-	1	
652 FAULT		809	٤	٥	٤	~	0	0	0	0	0			0	0	0	0	0	0	0	0	
	2 1 2	909	ć	٤	٤	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
		2 604	2	٤	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
	SCAN LITERAL B	602	٤	0	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
<del>}</del>	S S S S S S S S S S S S S S S S S S S	CYCLE	0	<b>-</b>	8	<u>620</u> 3	4	S	ဖ	^	<b>ω</b>		CYCLE	0	-	8	<u>622</u> 3	4	S	ဖ		

<u>009</u>	SCAN 604 -OUTPUT	104041	ZERO'S IN	FAILING	· •		<del> </del>	6/1	0	_	1	(	UNLOAD IN	REGION		1	-	•	PRIOR ART	FIG. 7	<b>\$</b>
	- E	,	~   °			c	ć	c	~	-			-	-	-	-	0	0	0	0	
654 FAULT	2			, ,		د	6.	c	0	-			-	-	-	0	0	0	0	0	
	3	,	~ · ·	, ,		c.	c.	-	-	-			-	-	0	0	0	0	0	0	
	**************************************			, ,	2	ċ	-	-	-	-			-	0	0	0	0	0	0	0	
652 FAULT	3 5 5			, ,	2	0	0	0	0	0			0	0	0	0	0	0	0	0	
		c	,	~ ~	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
		•		. 0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
	SCAN INPUT L1		c	0	0	0	0	0	0	0			0	0	0	0	0	0	0	0	
<b>)</b>	S S S S S S S S S S S S S S S S S S S	CYCLE	) <del>-</del>	- 0	720 3	4	S	9	7	8		CYCLE	0	_	N	<u>722</u> 3	4	ß	9		

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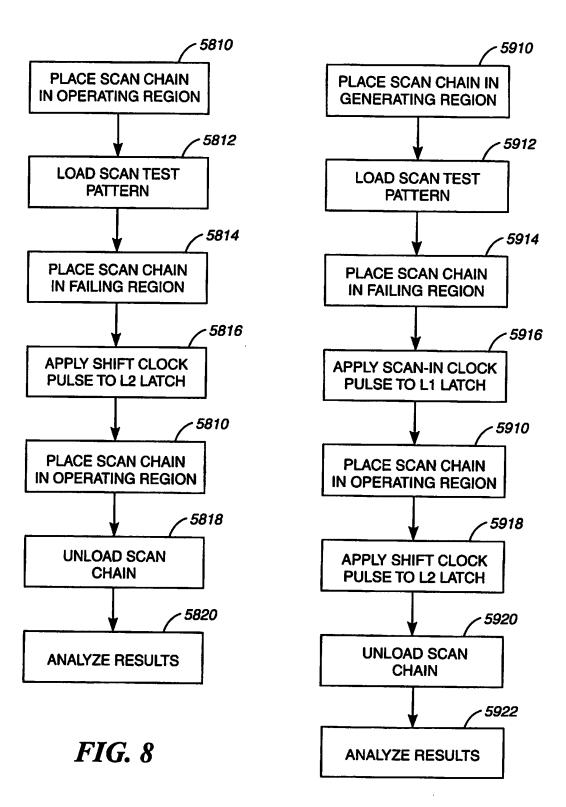


FIG. 9

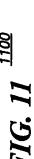


<u>1000</u>	SCAN 1004	`		·		LOAD ALL	FAILING IN	REGION	8/1	10	•	APPLY SCAN	(SCANNING	CLOCK) IN	FAILING REGION	<b>T</b>	UNLOAD IN	OPERATING				F1G. 10	
		1016	~	ر.	ذ	ċ	è	6	ć	ċ	0		0		0	0	-	-	-	0	0	0	
71054 FAULT		2 4101	2	7	خ	خ	ċ	2	2	0	0		1		1	-	-	0	0	0	0	0	
1056		s 1012	6	٥.	۲	٤	٥	ċ	0	0	0		•		•	-	0	0	0	0	0	0	
		0101	ć	c	٤	ځ	ć	0	0	0	0		-		-	0	0	0	0	0	0	0	
1052 FAULT		1008	2	خ	ż	ن	0	0	0	0	0		0		0	0	0	0	0	0	0	0	
	Z	1006	ċ	خ	٤	0	0	0	0	0	0		0		0	0	0	0	0	0	0	0	
		1004	٤	٤	0	0	0	0	0	0	0		0		0	0	0	0	0	0	0	0	
	SCAN LITERAL BANK	J	٤	0	0	0	0	0	0	0	0		0		0	0	0	0	0	0	0	0	
<del>^</del>	2001 S. S. S.	CYCLE	0	<b>*</b> -	Ø	1020 <sup>3</sup>	4	က	9	7	∞	CYCLE	1024 1	CYCLE	0	<del></del>	~	1022 <sup>3</sup>	4	<del>၂</del>	9	7 /	

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							<del></del> .	
1116	RML1	2	0	0	0	0	0	0
= [	<b>₩</b>	11	0	0	0	0	0	
1114	RML2	77	0	0	0	0	-	-
=	<b>E</b>	17	0	0	-	-	-	
1112	RML3	2	0	-	-	0	-	-
=	<u>8</u>	[]	0	0	-	<b>-</b>	-	
£{	RML4	ย	0	-	-	0	-	1
=	8	[1	0	0	1	-	-	
1108	RML5	7	0	-	-	0	0	0
= \	8	H	0	0	0	0	0	
1106	RML6	ะา	0	0	0	0	0	0
=	R	-	0	0	0	0	0	
1104	AL7	7	0	0	0	0	0	0
=	RM	17	0	0	0	0	0	
2011	RML8	2	0	0	0	0	0	0
= ]	R	ы	0	0	0	0	0	
	INPUT		LOAD L1 AND L2 WITH ZERO'S	SWITCH TO FAILING REGION	CLOCK A	SWITCH TO OPERATING REGION	CLOCK B	UNLOAD L2
	-		1120	1122	J	1126		





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	_				
1	n	//	1	7	

				10/10	, 		
1216	RML1	7	0	0	0	0	0
=	2	2	0	0	0	0	
1214	RML2	7	0	0	0	0	0
72	<b>a</b>	7	0	0	0	0	
1212	RML3	12	0	0	-	<del>-</del>	-
57	8	17	0	-	-	0	
1210	RML4	77	0	0	-	1	-
22	æ	11	0	-	-	0	
1208	RML5	2	0	0	1	ļ	1
72	Œ		0	-	1	0	
1206	RML6	7	0	0	0	0	0
72	H	IJ	0	0	0	0	
1204	AL.7	71	0	0	0	0	0
7 2	RMI	7	0	0	0	0	
1202	RML8	77	0	0	0	0	0
27	RN	П	0	0	0	0	
	INPUT		LOAD L1 AND L2 WITH ZERO'S	SWITCH TO FAILING REGION	CLOCK B	SWITCH TO OPERATING REGION	UNLOAD L2
			1220	1222		1226	